L Number	Hits	Search Text	DB	Time stamp
-	3	(("3572333") or ("4318401") or ("3540451")).PN.	USPAT; US-PGPUB	2004/06/17 14:31
-	34	3540451.URPN.	USPAT	2004/06/17 14:33
-	15	("3547119" | "3613684" | "3713441" | "3815577" | "3818511" | "3991756" | "3993079" | "4096860" | "4099528" | "4108174" | "4122858" | "4164221" | "4180068" | "4236520" | "4270535").PN.	USPAT	2004/06/17 14:36
-	44	4318401.URPN.	USPAT	2004/06/17 14:38
-	7	3572333.URPN.	USPAT	2004/06/17 15:01
-	2624	vascular near5 access	USPAT; US-PGPUB	2004/06/17 15:02
-	85	(vascular near5 access) same (plug or stopper or obturator)	USPAT; US-PGPUB	2004/06/17 16:18
-	15	("3547119" | "3613684" | "3713441" | "3815577" | "3818511" | "3991756" | "3993079" | "4096860" | "4099528" | "4108174" | "4122858" | "4164221" | "4180068" | "4236520" | "4270535").PN.	USPAT	2004/06/17 15:25
-	5	("3216420" | "3402710" | "3447161" | "3687129" | "3704704").PN.	USPAT	2004/06/17 15:26
-	14	3815577.URPN.	USPAT	2004/06/17 15:27
-	4216	(plug or stopper or obturator or rod) with (flat near3 (end or tip))	USPAT; US-PGPUB	2004/06/17 16:19
-	0	(plug or stopper or obturator or rod) with ((flat near3 (end or tip)) with ('not' near2 (round$ or curv$)))	USPAT; US-PGPUB	2004/06/17 16:20
-	0	(plug or stopper or obturator or rod) same ((flat near3 (end or tip)) with ('not' near2 (round$ or curv$)))	USPAT; US-PGPUB	2004/06/17 16:21
-	0	((flat near3 (end or tip)) with ('not' near2 (round$ or curv$)))	USPAT; US-PGPUB	2004/06/17 16:21
-	0	((flat near3 (end or tip)) same ('not' near2 (round$ or curv$)))	USPAT; US-PGPUB	2004/06/17 16:21
-	10054	(flat near3 (end or tip)) same (round$ or curv$)	USPAT; US-PGPUB	2004/06/17 16:21
-	5737	(flat near3 (end or tip)) with (round$ or curv$)	USPAT; US-PGPUB	2004/06/17 16:25
-	516	((flat near3 (end or tip)) with (round$ or curv$)) same (plug or stopper or obturator or rod)	USPAT; US-PGPUB	2004/06/17 16:45
-	8	("3406685" | "3352306" | "2426535" | "3491756" | "2896619" | "2656835" | "3454006" | "3491757").PN.	USPAT	2004/06/17 16:29
-	1708	(treatment or (surgical near2 procedures)) with (urinary near2 incontinence)	USPAT; US-PGPUB	2004/06/17 16:46

L Number	Hits	Search Text	DB	Time stamp
-	2453144	port or access or device	USPAT; US-PGPUB	2004/01/25 11:12
-	213524	transcutaneous or transdermal or skin or cutaneous or dermal	USPAT; US-PGPUB	2004/01/25 11:13
-	1129413	tube or cannula or tubular or sheath or sleeve	USPAT; US-PGPUB	2004/01/25 11:14
-	333431	plug or obturator or (seal$ near5 (shaft or rod))	USPAT; US-PGPUB	2004/01/25 13:08
-	441	(port or access or device) same (transcutaneous or transdermal or skin or cutaneous or dermal) same (tube or cannula or tubular or sheath or sleeve) same (plug or obturator or (seal$ near5 (shaft or rod)))	USPAT; US-PGPUB	2004/01/25 11:21
-	70	((port or access or device) same (transcutaneous or transdermal or skin or cutaneous or dermal) same (tube or cannula or tubular or sheath or sleeve) same (plug or obturator or (seal$ near5 (shaft or rod)))) same catheter	USPAT; US-PGPUB	2004/01/25 12:34
-	124430	hub	USPAT; US-PGPUB	2004/01/25 11:46
-	29720	(tube or cannula or tubular or sheath or sleeve) same hub	USPAT; US-PGPUB	2004/01/25 11:47
-	283	((tube or cannula or tubular or sheath or sleeve) same hub) and (monolithic$)	USPAT; US-PGPUB	2004/01/25 11:49
-	1627942	hub or coupl$ or lock$	USPAT; US-PGPUB	2004/01/25 11:50
-	1847963	hub or coupl$ or lock$ or thread$	USPAT; US-PGPUB	2004/01/25 11:50
-	44384	(hub or coupl$ or lock$ or thread$) near5 (plug or obturator or (seal$ near5 (shaft or rod)))	USPAT; US-PGPUB	2004/01/25 11:50
-	26	((hub or coupl$ or lock$ or thread$) near5 (plug or obturator or (seal$ near5 (shaft or rod)))) same monolithi$	USPAT; US-PGPUB	2004/01/25 11:50
-	1	("3540451").PN.	USPAT; US-PGPUB	2004/01/25 12:34
-	45594	(plug or obturator or (seal$ near5 (shaft or rod))) same thread$	USPAT; US-PGPUB	2004/01/25 13:08
-	334	((plug or obturator or (seal$ near5 (shaft or rod))) same thread$) same (surgical or medical)	USPAT; US-PGPUB	2004/01/25 13:31
-	51232	catheter	USPAT; US-PGPUB	2004/01/25 13:31
-	14787	catheter same (hub or coupl$ or lock$ or thread$)	USPAT; US-PGPUB	2004/01/25 13:31
-	5554	(catheter same (hub or coupl$ or lock$ or thread$)) same thread$	USPAT; US-PGPUB	2004/01/25 13:33
-	267	((catheter same (hub or coupl$ or lock$ or thread$)) same thread$) same (integral$ or monolithic$ or unitary)	USPAT; US-PGPUB	2004/01/25 13:34

L Number	Hits	Search Text	DB	Time stamp
-	33	(vascular near2 access) same plug	USPAT	2003/08/10 17:39
-	3	(removable near5 plug) same vascular	USPAT	2003/08/10 17:41
-	9	(removable near5 plug) same trocar	USPAT	2003/08/10 17:41
-	60	(removable near5 obturator) same trocar	USPAT	2003/08/10 17:58
-	48	(removable near5 plug) same cannula	USPAT	2003/08/10 18:04
-	39	(removable near5 obturator) same cannula	USPAT	2003/08/10 18:13
-	382	cannula near5 plug	USPAT	2003/08/10 18:14
-	17	("0204913" | "2267925" | "2570465" | "2631584" | "2651840" | "3103926" | "3636956" | "4060089" | "4299021" | "4320544" | "4415111" | "4438769" | "4507817" | "4532926" | "4884572" | "4895148" | "4924865").PN.	USPAT	2003/08/10 18:38
-	15	("3547119" | "3613684" | "3713441" | "3815577" | "3818511" | "3991756" | "3993079" | "4096860" | "4099528" | "4108174" | "4122858" | "4164221" | "4180068" | "4236520" | "4270535").PN.	USPAT	2003/08/10 19:33
-	40	4318401.URPN.	USPAT	2003/08/10 18:42
-	8	("1483964" | "2298632" | "3765032" | "3826257" | "3991756" | "4015601" | "4108173" | "4108174").PN.	USPAT	2003/08/10 18:43
-	23	4164221.URPN.	USPAT	2003/08/10 18:44
-	5	("3216420" | "3402710" | "3447161" | "3687129" | "3704704").PN.	USPAT	2003/08/10 18:46
-	1	("3991756").PN.	USPAT	2003/08/10 19:37
-	5	("3461869" | "3663965" | "3752162" | "3783868" | "3826256").PN.	USPAT	2003/08/10 19:34
-	7	3572333.URPN.	USPAT	2003/08/10 20:58
-	7	("3572333" | "3695921" | "4515593" | "4526579" | "4647643" | "4668221" | "4743629").PN.	USPAT	2003/08/10 21:28
-	34	3540451.URPN.	USPAT	2003/08/10 19:59
-	4	("2453056" | "3435823" | "3540451" | "3774615").PN.	USPAT	2003/08/10 19:58
-	226	(plug or stopper or obturator or (solid near2 blunt) or rod) same (cannula or trocar or tube or tubular or portal or access or catheter or needle) same ((blood near2 vessel) or vein or artery or vascular or vasulature) same (lock or locking or thread or threads or threadably)	USPAT	2003/08/10 19:56
-	56	obturator same (flexible or flexibility) same hollow	USPAT	2003/08/10 23:04
-	19	obturator same (flexible or flexibility) same core	USPAT	2003/08/10 23:03
-	433	obturator same (flexible or flexibility)	USPAT	2003/08/10 23:03